## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	) Group Art Unit: (Unassigned)
WILLIAM C. BOLEY, ET AL.	) Examiner: (Unassigned)
Application Number: Unassigned	)
Filed: Unassigned	)
Title: PRE-CHAMBERED TYPE SPARK PLUG WITH A FLAT BOTTOM BEING ALIGNED WITH A BOTTOM SURFACE OF A CYLINDER HEAD	) ) ) ) ) ) ) )
Attorney Docket No.: 02-548	
	Peoria, Illinois 61629-6490
	July 3, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

The following information and attached material are submitted for the Examiner's consideration relative to one or more of the claims in the above-identified application. A PTO 1449 (SB08) form and a copy, if required, of each item listed thereon are attached.

Respectfully submitted,

Keith P. Roberson Registration No. 43,885 Caterpillar Inc.

Telephone: (309) 675-1668 KPR:dlm Enc. U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)

Sheet of

Complete if Known					
Application Number	(Unassigned)				
Filing Date	(Herewith)				
First Named Inventor	William C. Boley ET AL.				
Art Unit	(Unassigned)				
Examiner Name	(Unassigned)				
Attorney Docket Number	02-548				

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.1	Document Number Number - Kind Code <sup>2</sup> (# known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,105,780	4-21-1992	Ronald D. Richardson	
		US-			

	FORE	IGN PATENT D	OCUMENTS		
Examiner Initials	Foreign Patent Document  County Code3 -Number4- Kind Code5 (Kinnown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т
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Examiner	Date	1
Signature	Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MFEF 999. Draw line through citation if not in conformance and not considered. Include copy of this from with next communication to applicant.

1 Applicant's unique citation designation number (epitonal). \* See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gog/">https://www.uspto.gog/</a> or MFEF 901.44. \* \* Senter/Office that issued the document, by the two-letter code (WIPO Standard ST3). \* For apparese patent documents, the support of the patent document. \* The support of the support of

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